



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Chip HEWETTE et al.

Application No.: 10/670,580

Filed: September 25, 2003

**For: BORON-FREE AUTOMOTIVE
GEAR OIL**

Group Art Unit: 1714
Confirmation No.: 7454
Examiner: S. K. Poulos

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class U.S. Mail on **February 27, 2006** with sufficient postage in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Beth Earnest
Beth Earnest

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97

Sir:

Pursuant to the duty of disclosure, applicants submit herewith information which may be material to the examination of the above-captioned application.

Specifically, the information comprises references that have become known to applicants and their attorneys. Those references are listed on the enclosed form PTO/SB/08A. Copies of foreign patent documents are enclosed.

It is respectfully requested that these references be fully considered in their entirety, and that the references be made of record in the above-captioned application. It is also respectfully requested that the Examiner initial in the appropriate area on the enclosed Form PTO/SB/08A, thereby indicating the Examiner's consideration of each of the references.

This Information Disclosure Statement is being submitted after the first Office Action on the merits but before the mailing date of a final action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and includes the fee of \$180.00 as set forth in 37 C.F.R. 1.17(p).

FEES

Please charge the \$180.00 IDS fee to Deposit Account No. 05-1372. It is believed that there are no other fees associated with this filing. However, in the event the calculations are incorrect, the Commissioner is hereby authorized to charge any deficiencies or credit any overpayment in fees associated with this communication to Deposit Account No. 05-1372.

CONCLUSION

It is believed that all provisions of 37 CFR 1.97 have been complied with, and consideration of these references is most respectfully requested.

Respectfully Submitted,



Leah O. Robinson, Reg. No. 44,990

330 South Fourth Street
Richmond, VA 23219
Phone: (804) 788-5498
FAX: 804-788-5519
E-Mail: Leah.Robinson@Newmarket.com

Date: February 27, 2006

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete If Known

Application Number **10/670,580**
 Filing Date **September 25, 2003**
 First Named Inventor **Chip HEWETTE et al.**
 Group Art Unit **1714**
 Examiner Name **Sandra K. Poulos**
 Attorney Docket No. **EI-7602**

Sheet

1

of

7

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document No.	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figs. Appear
		RE 26,433	Le Suer	08-06-1968	
		2,459,112	Oberright	01-11-1949	
		2,962,442	Andress	11-29-1960	
		2,984,550	Chemot	05-16-1961	
		3,036,003	Verdol	05-22-1962	
		3,163,603	Le Suer	12-29-1964	
		3,166,516	Kirkpatrick et al.	01-19-1965	
		3,172,892	Le Suer et al.	03-09-1965	
		3,184,474	Catto et al.	05-18-1965	
		3,197,405	Le Suer	07-27-1965	
		3,197,496	Le Suer	07-27-1965	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Office ²	Number ³				
		GB	1009914	Lubrizol Corp.	11-17-1965		
		GB	1009913	Lubrizol Corp.	11-17-1965		
		EP	0531 585 B1	MacPherson et al.	11-04-1998		
		EP	0 020 037	Papay et al.	08-15-1884		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁴

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ³For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴Applicant is to place a check mark here if English language translation is attached.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete If Known		
			Application Number	10/670,580	
			Filing Date	September 25, 2003	
			First Named Inventor	Chip HEWETTE et al.	
			Group Art Unit	1714	
			Examiner Name	Sandra K. Poulos	
Sheet	2	of	7	Attorney Docket No.	EI-7602

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document No.	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figs. Appear
		3,202,678	Stuart et al.	08-24-1965	
		3,215,707	Rense	11-02-1965	
		3,216,936	Le Suer	11-09-1965	
		3,219,666	Norman et al.	11-23-1965	
		3,236,770	Matson et al.	02-22-1966	
		3,254,025	Le Suer	05-31-1966	
		3,271,310	Le Suer	09-06-1966	
		3,272,746	Le Suer et al.	09-13-1966	
		3,275,554	Wagenaar	09-27-1966	
		3,281,357	Vogel	10-25-1966	
		3,306,908	Le Suer	02-28-1967	
		3,311,558	Prizer et al.	03-28-1967	
		3,316,177	Dorer	04-25-1967	
		3,331,776	Krukziener	07-18-1967	
		3,340,281	Brannen	09-05-1967	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ²	Number ³			T ⁴

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁴

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
¹Unique citation designation number. ²Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ³For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴Applicant is to place a check mark here if English language translation is attached.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete If Known		
			Application Number	10/670,580	
			Filing Date	September 25, 2003	
			First Named Inventor	Chip HEWETTE et al.	
			Group Art Unit	1714	
			Examiner Name	Sandra K. Poulos	
Sheet	3	of	7	Attorney Docket No.	EI-7602

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document No.	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figs. Appear
		3,341,542	Le Suer et al.	09-12-1667	
		3,346,493	Le Suer	10-10-1967	
		3,351,552	Le Suer	11-07-1967	
		3,355,270	Amick et al.	11-28-1967	
		3,368,972	Otto	02-13-1968	
		3,381,022	Le Suer	04-30-1968	
		3,399,141	Clemens	08-27-1968	
		3,413,347	Worrel	11-26-1968	
		3,415,750	Auzenberger	12-10-1968	
		3,433,744	Le Suer	03-18-1969	
		3,438,757	Honnen et al.	04-15-1969	
		3,442,808	Munster et al.	05-06-1969	
		3,444,170	Norman et al.	05-13-1969	
		3,448,047	Traise et al.	06-03-1969	
		3,448,048	Le Suer et al.	06-03-1969	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ²	Number ³			T ⁴

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁴

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ³For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴Applicant is to place a check mark here if English language translation is attached.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete If Known		
			Application Number	10/670,580	
			Filing Date	September 25, 2003	
			First Named Inventor	Chip HEWETTE et al.	
			Group Art Unit	1714	
			Examiner Name	Sandra K. Poulos	
Sheet	4	of	7	Attorney Docket No.	EI-7602

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document No.	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figs. Appear
		3,448,049	Preuss et al.	06-03-1969	
		3,451,933	Leister	06-24-1969	
		3,454,497	Wittner	07-08-1969	
		3,454,555	van der Voort et al.	07-08-1969	
		3,454,607	Le Suer et al.	07-08-1969	
		3,459,661	Schlobohm	08-05-1969	
		3,461,172	Previc	08-12-1969	
		3,467,668	Gruber et al.	09-16-1969	
		3,493,520	Verdol et al.	02-03-1970	
		3,501,405	Willette	03-17-1970	
		3,522,179	Le Suer	07-28-1970	
		3,539,633	Piasek et al.	11-10-1970	
		3,541,012	Stuebe	11-17-1970	
		3,542,680	Le Suer	11-24-1970	
		3,543,678	Hobbs	12-01-1970	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Office ²	Number ³				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁴

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ³For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴Applicant is to place a check mark here if English language translation is attached.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete If Known		
			Application Number	10/670,580	
			Filing Date	September 25, 2003	
			First Named Inventor	Chip HEWETTE et al.	
			Group Art Unit	1714	
			Examiner Name	Sandra K. Poulos	
Sheet	5	of	7	Attorney Docket No.	EI-7602

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document No.	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figs. Appear
		3,558,743	Verdol et al.	01-26-1971	
		3,565,804	Honnen et al.	03-23-1971	
		3,567,637	Sabol	03-02-1971	
		3,574,101	Murphy	04-06-1971	
		3,576,743	Widmer et al.	04-27-1971	
		3,586,629	Otto et al.	06-22-1971	
		3,591,598	Traise et al.	07-06-1971	
		3,600,372	Udelhofen et al.	08-17-1971	
		3,630,904	Musser et al.	12-28-1971	
		3,632,510	Le Suer	01-04-1972	
		3,632,511	Liao	01-04-1972	
		3,634,515	Piasek et al.	01-11-1972	
		3,649,229	Otto	03-14-1972	
		3,697,428	Meinhardt et al.	10-10-1972	
		3,697,574	Piasek et al.	10-10-1972	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Office ²	Number ³				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁴

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ³For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴Applicant is to place a check mark here if English language translation is attached.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete If Known		
			Application Number	10/670,580	
			Filing Date	September 25, 2003	
			First Named Inventor	Chip HEWETTE et al.	
			Group Art Unit	1714	
			Examiner Name	Sandra K. Poulos	
Sheet	6	of	7	Attorney Docket No.	EI-7602

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document No.	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figs. Appear
		3,703,536	Piasek et al.	11-21-1972	
		3,704,308	Piasek et al.	11-28-1972	
		3,725,277	Worrel	04-03-1973	
		3,725,441	Murphy	04-03-1973	
		3,725,480	Traise et al.	04-03-1973	
		3,726,882	Traise et al.	04-10-1973	
		3,736,357	Piasek et al.	05-29-1973	
		3,751,365	Piasek et al.	08-07-1973	
		3,756,953	Piasek et al.	09-04-1973	
		3,793,202	Piasek et al.	02-19-1974	
		3,798,165	Piasek et al.	03-19-1974	
		3,798,247	Piasek et al.	03-19-1974	
		3,803,039	Piasek et al.	04-09-1974	
		3,804,763	Meinhardt	04-16-1974	
		3,836,471	Miller	09-17-1974	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ²	Number ³			T ⁴

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁴

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ³For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴Applicant is to place a check mark here if English language translation is attached.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete If Known		
			Application Number	10/670,580	
			Filing Date	September 25, 2003	
			First Named Inventor	Chip HEWETTE et al.	
			Group Art Unit	1714	
			Examiner Name	Sandra K. Poulos	
Sheet	7	of	7	Attorney Docket No.	EI-7602

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document No.	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figs. Appear
		3,862,981	Demoures et al.	01-28-1975	
		3,936,480	Demoures et al.	02-03-1976	
		3,948,800	Meinhardt	04-06-1976	
		3,950,341	Okamoto et al.	04-13-1976	
		3,957,854	Miller	05-18-1976	
		3,957,855	Miller	05-18-1976	
		3,980,569	Pindar et al.	09-14-1976	
		3,991,098	Okamoto	11-09-1976	
		4,071,548	Okamoto	01-31-1978	
		4,173,540	Lonstrup et al.	11-06-1979	
		4,234,435	Meinhardt et al.	11-18-1980	
		5,137,980	DeGonia et al.	08-11-1992	
		5,492,638	Wallace et al.	02-20-1996	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ²	Number ³			T ⁴

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁴

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
¹Unique citation designation number. ²Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ³For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴Applicant is to place a check mark here if English language translation is attached.